

## **LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**1. - 22. (Canceled)**

**23. (Currently Amended)** A mobile communications system comprising:  
a terminal resource controller operable to that performs a control a signaling processing  
independent of a radio transmission scheme; and

a plurality of base station resource controllers operable to that perform the control a user data transfer dependent on the radio transmission scheme;

wherein said terminal resource controller manages said plurality of base station resource controllers.

**24. (Previously Presented)** The mobile communications system according to claim 23, further comprising switching equipment, wherein said terminal resource controller is connected to said plurality of base station resource controllers through said switching equipment.

**25. (Previously Presented)** The mobile communications system according to claim 24, wherein said switching equipment is a router or a hub.

**26. (Previously Presented)** The mobile communications system according to claim 23, wherein said terminal resource controller is physically separated from said plurality of base station resource controllers.

**27. (Previously Presented)** The mobile communications system according to claim 23, wherein said terminal resource controller comprises:

a terminal position detector;

a common radio resource manager;

a broadcast network device; and  
a mobile controller.

**28. (Previously Presented)** The mobile communications system according to claim 23, wherein each of said plurality of base station resource controllers comprises:

a cell controller;  
a radio layer controller;  
a cell communication gateway; and  
a user radio gateway.

**29. (Previously Presented)** The mobile communications system according to claim 23, wherein each of a plurality of base station resource controllers is incorporated into a base station.

**30. (Previously Presented)** The mobile communications system according to claim 23, further comprising a mobile terminal.

**31. (Currently Amended)** A method of controlling a mobile communications system, comprising the processes of:

using a terminal resource controller in the mobile communications system to[[,]]  
~~performing~~ a control signaling processing independent of a radio transmission scheme; and  
using a plurality of base station resource controllers in the mobile communications system to ~~performing~~ a control user data transfer dependent on the radio transmission scheme,  
wherein said terminal resource controller manages said plurality of base station resource controllers.

**32. (Currently Amended)** A mobile communications system comprising:  
a plurality of terminal resource controllers operable to ~~that perform~~ a control a signaling processing independent of a radio transmission scheme; and

a base station resource controller operable to that perform a control a user data transfer  
dependent on the radio transmission scheme,

wherein said plurality of terminal resource controllers manage said base station resource controller.

**33. (Previously Presented)** The mobile communications system according to claim 32, further comprising a switching element, wherein said plurality of terminal resource controllers are connected to said base station resource controller through said switching equipment.

**34. (Previously Presented)** The mobile communications system according to claim 33, wherein said switching equipment is a router or a hub.

**35. (Previously Presented)** The mobile communications system according to claim 32, wherein said plurality of terminal resource controllers are physically separated from said base station resource controller.

**36. (Previously Presented)** The mobile communications system according to claim 32, wherein each of said plurality of terminal resource controllers comprises:

- a terminal position detector;
- a common radio resource manager;
- a broadcast network device; and
- a mobile controller.

**37. (Previously Presented)** The mobile communications system according to claim 32, wherein said base station resource controller comprises:

- a cell controller;
- a radio layer controller;

a cell communication gateway; and  
a user radio gateway.

**38. (Previously Presented)** The mobile communications system according to claim 32, wherein said base station resource controller is incorporated into a base station.

**39. (Previously Presented)** The mobile communications system according to claim 32, further comprising a mobile terminal.

**40. (Currently Amended)** A method of controlling a mobile communications system, comprising the processes of:

using a plurality of terminal resource controllers in the mobile communications system to performing a control signaling processing independent of a radio transmission scheme; and

using a base station resource controller in the mobile communications system to performing a control user data transfer dependent on the radio transmission scheme,

wherein said plurality of terminal resource controllers manage said base station resource controller.

**41. (Currently Amended)** A terminal resource controller comprising:

a terminal position detector;

a common radio resource manager;

a broadcast network device; and

a mobile controller,

wherein the terminal resource controller is operable to performs a control a signaling processing independent of a radio transmission scheme, and

wherein the terminal resource controller manages a plurality of base station resource controllers, each base station resource controller being operable to that perform a control a user data transfer dependent on the radio transmission scheme.

**42. (Currently Amended)** A terminal resource controller comprising:  
terminal position detection means for detecting a terminal position;  
common radio resource management means for managing a common radio resource;  
broadcast means for broadcasting; and  
mobile control means for controlling at least one mobile terminal,  
wherein the terminal resource controller is operable to performs a control a signaling processing independent of a radio transmission scheme, and  
wherein the terminal resource controller manages a plurality of base station resource controllers, each base station resource controller being operable to that perform a control a user data transfer dependent on the radio transmission scheme.

**43. (Currently Amended)** A method of using a terminal resource controller performing control, comprising a process of:  
~~performing a control~~ controlling signaling processing independent of a radio transmission scheme; ~~[[,]]~~ and  
using wherein said terminal resource controller to manage manages a plurality of base station resource controllers, each base station resource controller controlling user data transfer ~~that perform a control~~ dependent on a radio transmission scheme.

**44. (Currently Amended)** A base station resource controller comprising:  
a cell controller;  
a radio layer controller;  
a cell communication gateway; and  
a user radio gateway,  
wherein the base station resource controller is operable to performs a control a user data transfer dependent on a radio transmission scheme; and  
wherein the base station resource controller is managed by a plurality of terminal resource controllers, each terminal resource controller being operable to that perform a control a signaling processing independent of the radio transmission scheme.

**45. (Currently Amended)** A base station resource controller comprising:  
cell control means for controlling a cell radio layer control means for controlling a radio layer;  
cell communication gateway means for transmitting a radio channel signal; and  
user radio gateway means for controlling retransmission,  
wherein the base station resource controller is operable to ~~performs a control~~ a user data transfer dependent on a radio transmission scheme, and  
wherein the base station resource controller is managed by a plurality of terminal resource controllers, each terminal resource controller being operable to ~~that perform a control~~ a signaling processing independent of the radio transmission scheme.

**46. (Currently Amended)** A method of using a base station resource controller performing control, comprising a process of:  
controlling user data transfer ~~performing a control~~ dependent on a radio transmission scheme[[],]; and  
managing ~~wherein~~ the base station resource controller ~~is managed~~ by a plurality of terminal resource controllers, each terminal resource controller controlling signaling processing ~~that perform a control~~ independent of the radio transmission scheme.